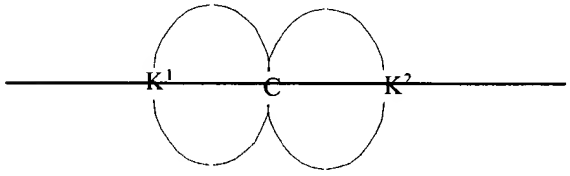
AMENDMENTS TO THE CLAIMS

1-20. (Cancelled)

21. (Currently amended) A laser comprising: in order,

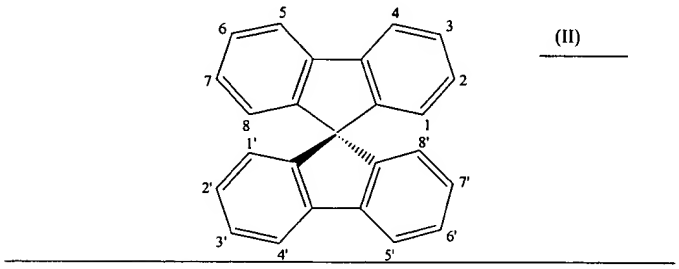
a substrate,

an organic layer structure comprising an organic solid laser dye comprising a spiro compound of ~~formula (I)~~ formula II



~~(I)~~

~~where K^1 and K^2 are, independently of one another, conjugated systems.~~



(II)

where the benzo groups can be substituted and/or fused independently of one another.

22. (Cancelled)

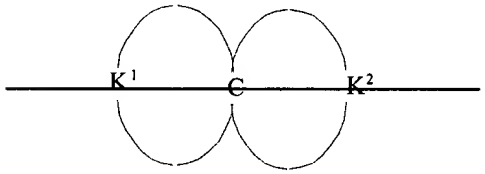
23. (Cancelled)

24. (Cancelled)

25. (Previously presented) The laser of claim 21, which further comprises a light source selected from the group consisting of a flash lamp and a laser.

26. (Previously presented) The laser of claim 25, wherein the light source is a laser.

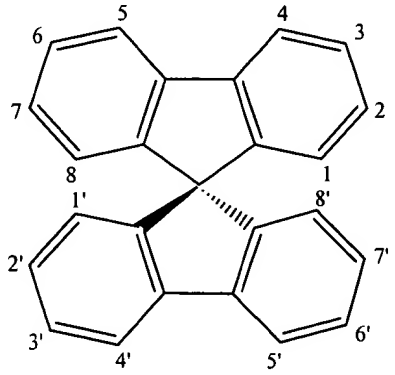
27. (Currently amended) A method of producing coherent laser emission comprising subjecting an organic solid laser dye to a light source wherein said light source excites the organic solid laser dye to emit radiation, the organic solid laser dye comprising a solid ~~spiro compound of formula (I)~~



~~(I)~~

~~where K^1 and K^2 are, independently of one another, conjugated systems.~~

spirobifluorene of formula (II)

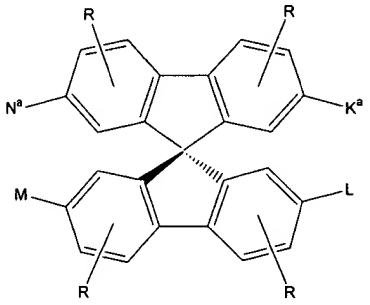


(II)

where the benzo groups can be substituted and/or fused independent of one another.

28. (Cancelled)

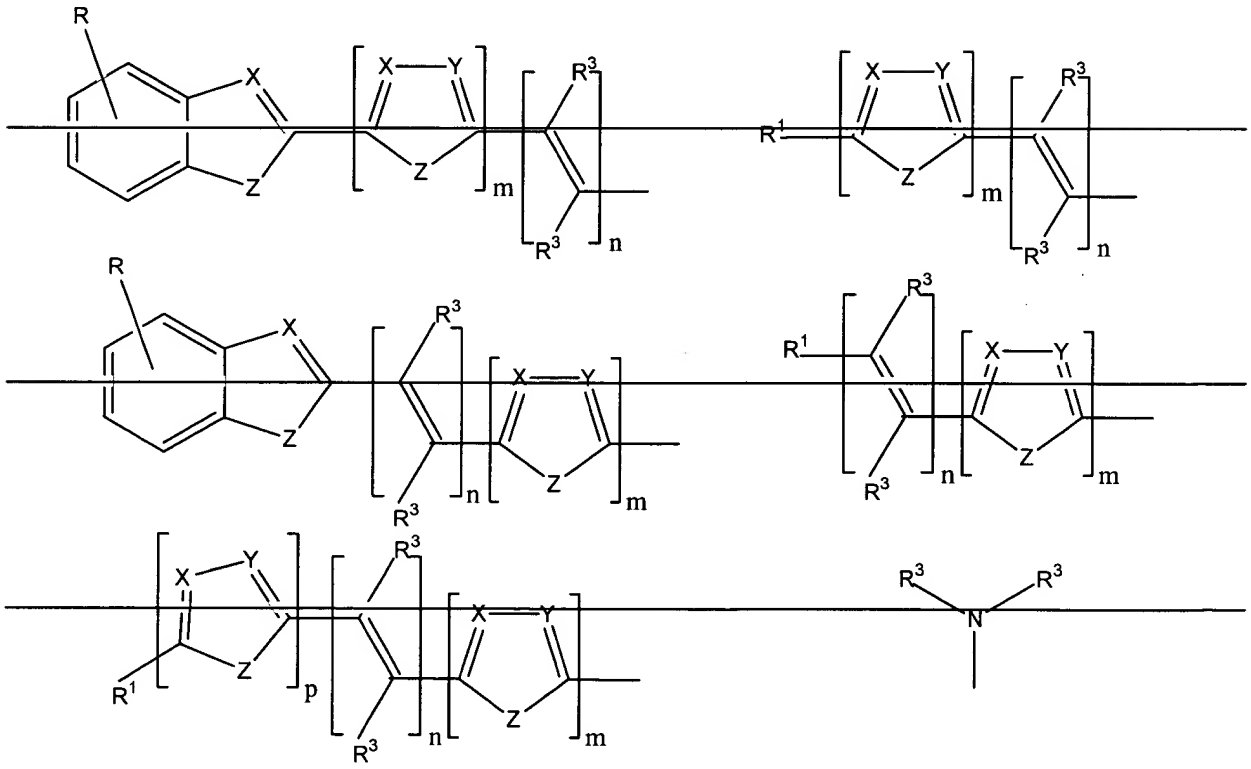
29. (Currently amended) The method of claim 27, wherein said spiro compound is a spirobifluorene derivative of formula (III)

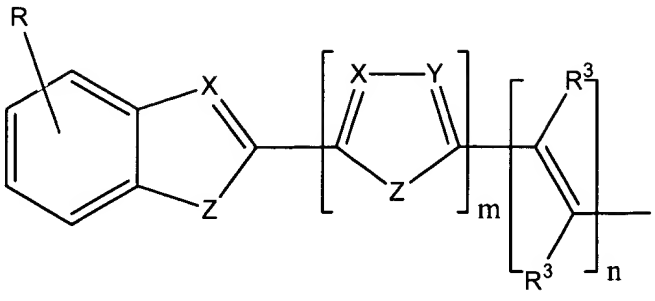
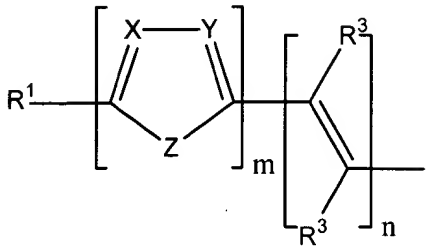


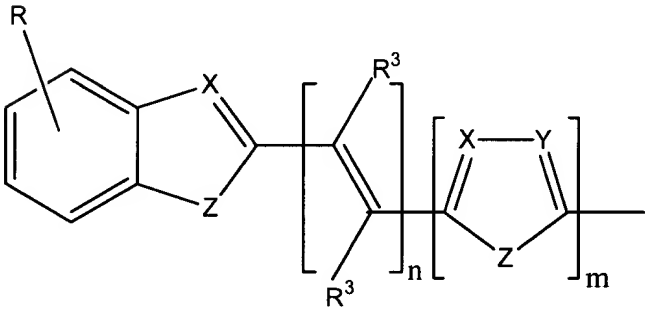
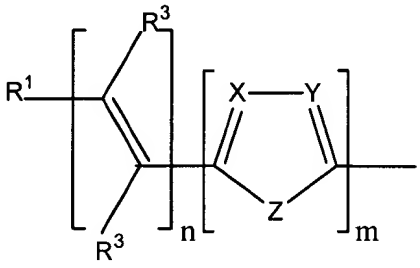
(III)

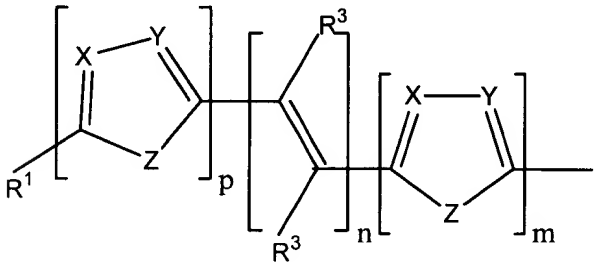
wherein:

K^a, L, M, N^a are identical or different and are

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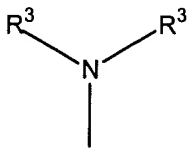

;

R is identical or different and has the same meaning as K^a, L, M, N^a or is H, a linear or branched alkyl, alkoxy or ester group having from 1 to 22 carbon atoms, -CN, $-NO_2$, $-NR^2R^3$, -Ar or -O-Ar;

Ar is phenyl, biphenyl, 1-naphthyl, 2-naphthyl, 2-thienyl, or 2-furyl, with each optionally substituted with one or two radicals R;

m, n, p are 0, 1, 2 or 3;

X, Y are identical or different and are CR or nitrogen;

Z is -O-, -S-, -NR^1-, -CR^1R^4-, -CH=CH-, or -CH=N-;

R^1, R^4 are identical or different and have the same meaning as R; and

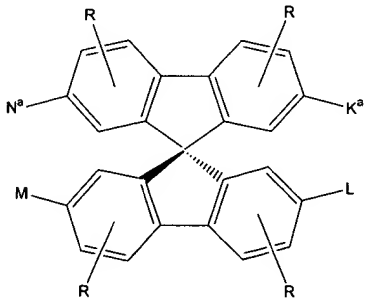
R^2, R^3 are identical or different and are H, a linear or branched alkyl group having from 1 to 22 carbon atoms, -Ar, or 3-methylphenyl.

30. (Cancelled)

31. (previously presented) The method of claim 27 wherein the light source is a laser or a flash lamp.

32. (previously presented) The method of claim 31 wherein the light source is a laser.

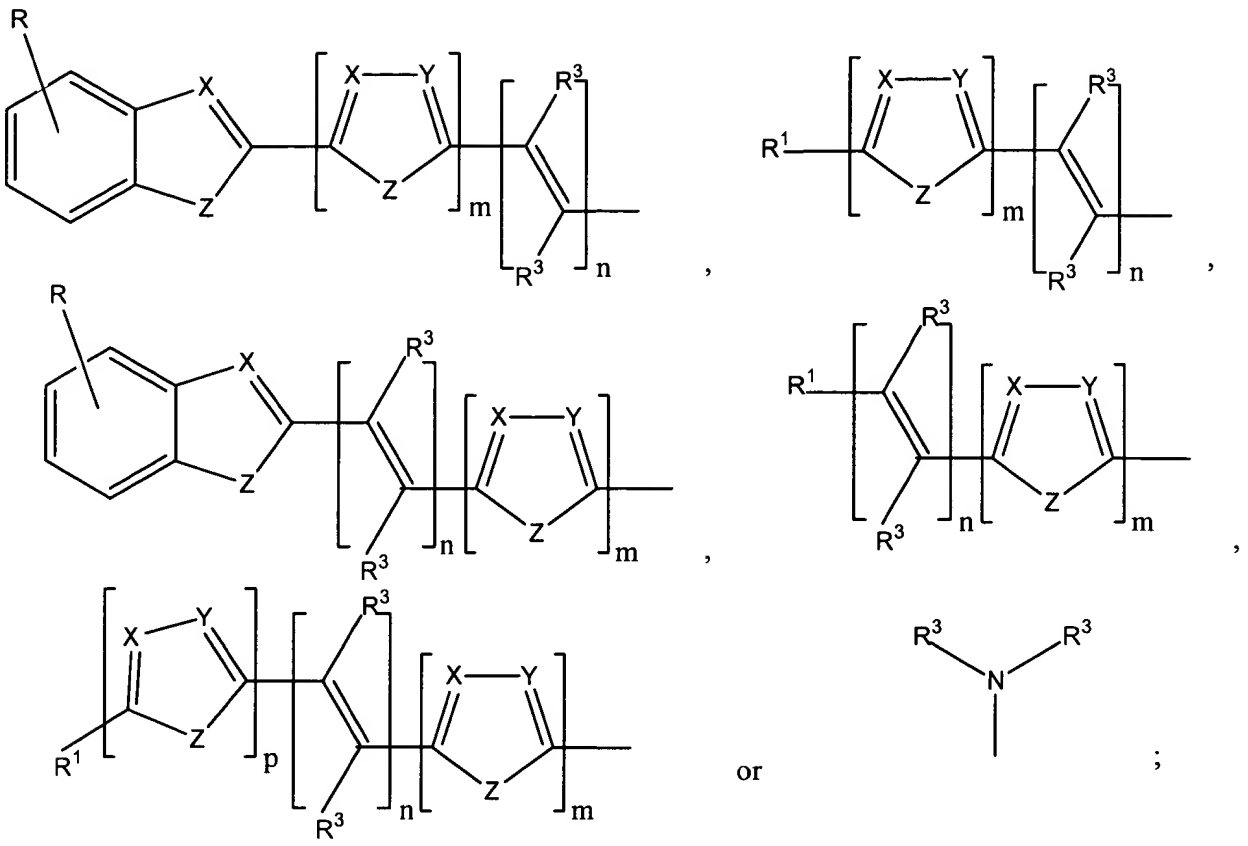
33. (New) The laser of claim 21, wherein said spiro compound is a spirobifluorene derivative of formula (III)



(III)

wherein:

K^a, L, M, N^a are identical or different and are



or ;

R is identical or different and has the same meaning as K^a, L, M, N^a or is H, a linear or branched alkyl, alkoxy or ester group having from 1 to 22 carbon atoms, -CN, $-NO_2$, $-NR^2R^3$, -Ar or -O-Ar;

Ar is phenyl, biphenyl, 1-naphthyl, 2-naphthyl, 2-thienyl, or 2-furyl, with each optionally substituted with one or two radicals R;

m, n and p independently are 0, 1, 2 or 3;

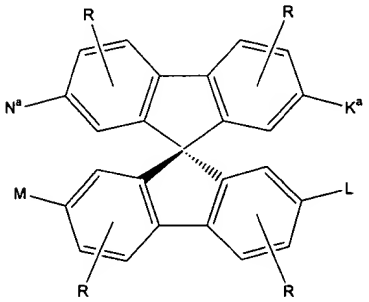
X and Y independently are identical or different and are CR or nitrogen;

Z is -O-, -S-, $-NR^1$-, $-CR^1R^4$-, -CH=CH-, or -CH=N-;

R^1 and R^4 are identical or different and have the same meaning as R; and

R^2 and R^3 are identical or different and are H, a linear or branched alkyl group having from 1 to 22 carbon atoms, -Ar, or 3-methylphenyl.

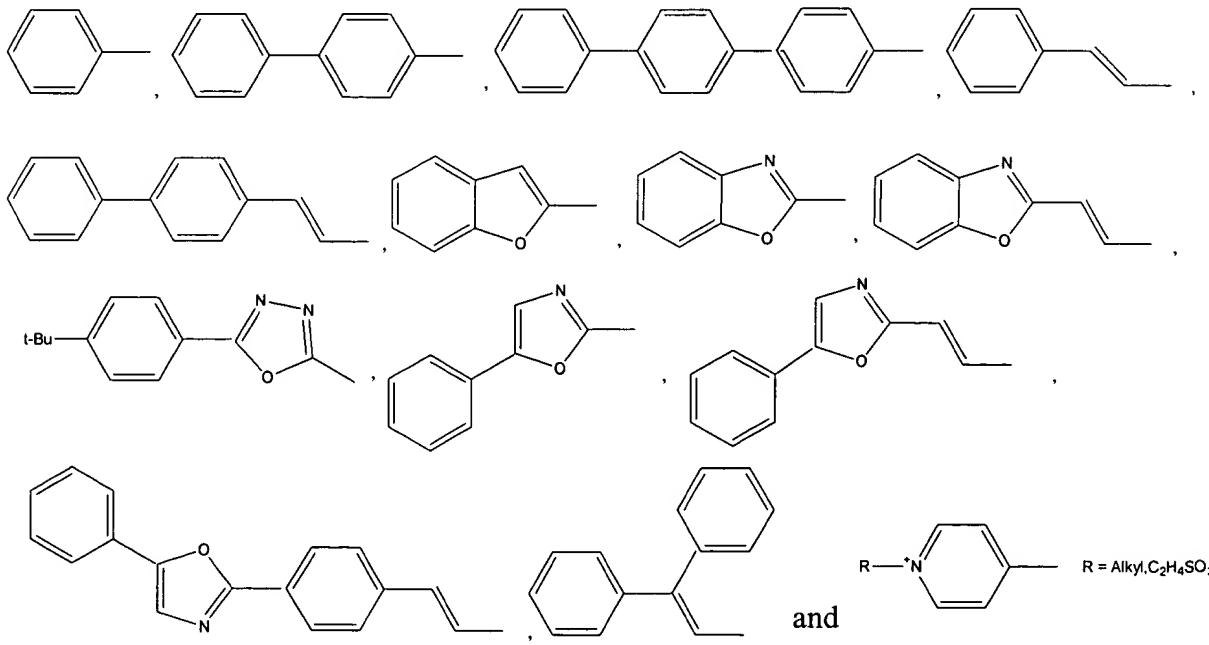
34. (New) The laser of claim 21, wherein said spiro compound is a spirobifluorene compound selected from the group consisting of the spirobifluorene compounds of the formula (IIIa) to (IIIg), wherein formula (III) is:



(III)

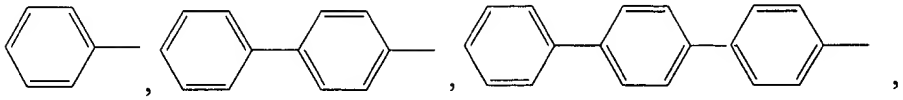
and the spirobifluorene compounds (IIIa to IIIg) are derivatives of formula (III) as follows:

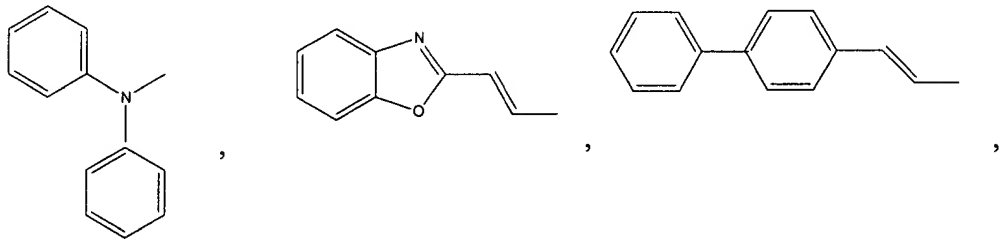
IIIa) $K^a = L = M = N^a$ and is selected from the group consisting of:

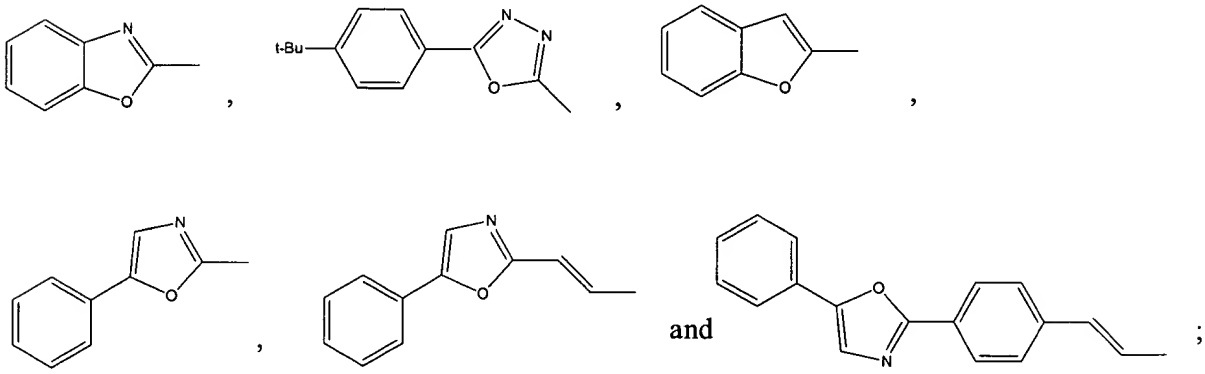


and ;

IIIb) K^a = M = H and Na = L and is selected from the group consisting of:



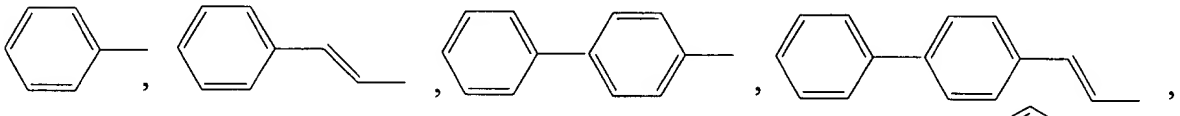


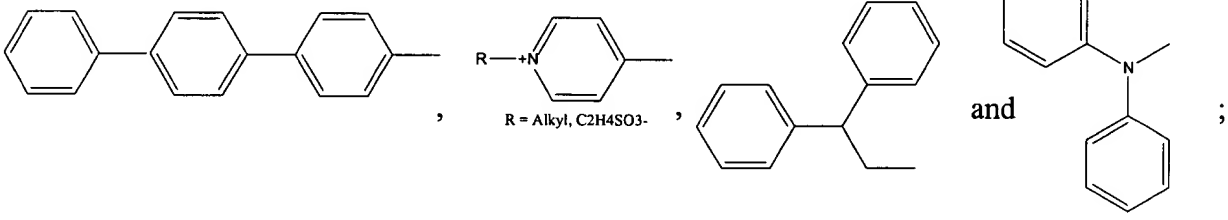


and

;

IIIc) K^a=M and is selected from the group consisting of:

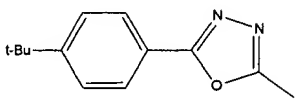




and

;

and N^a = L and is selected from the group consisting of:



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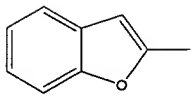

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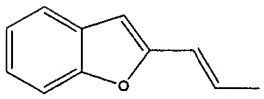

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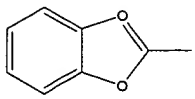

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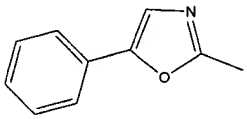

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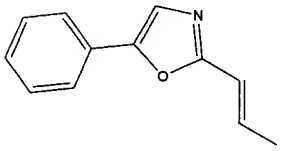

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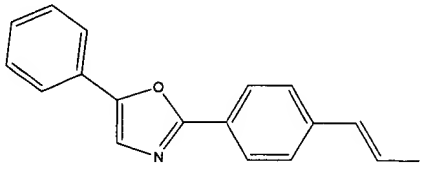

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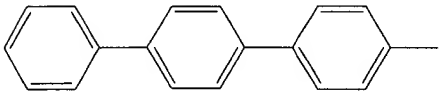
IIId) K^a = M and is selected from the group consisting of: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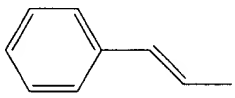
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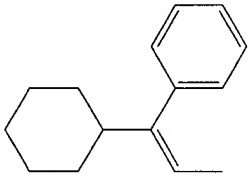
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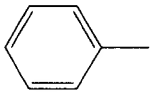
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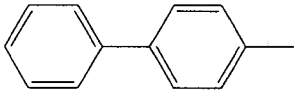
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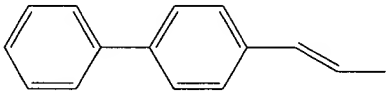
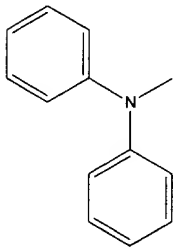

;

and N^a = L and is selected from the group consisting of:



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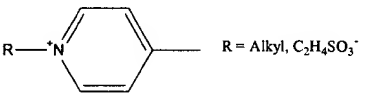

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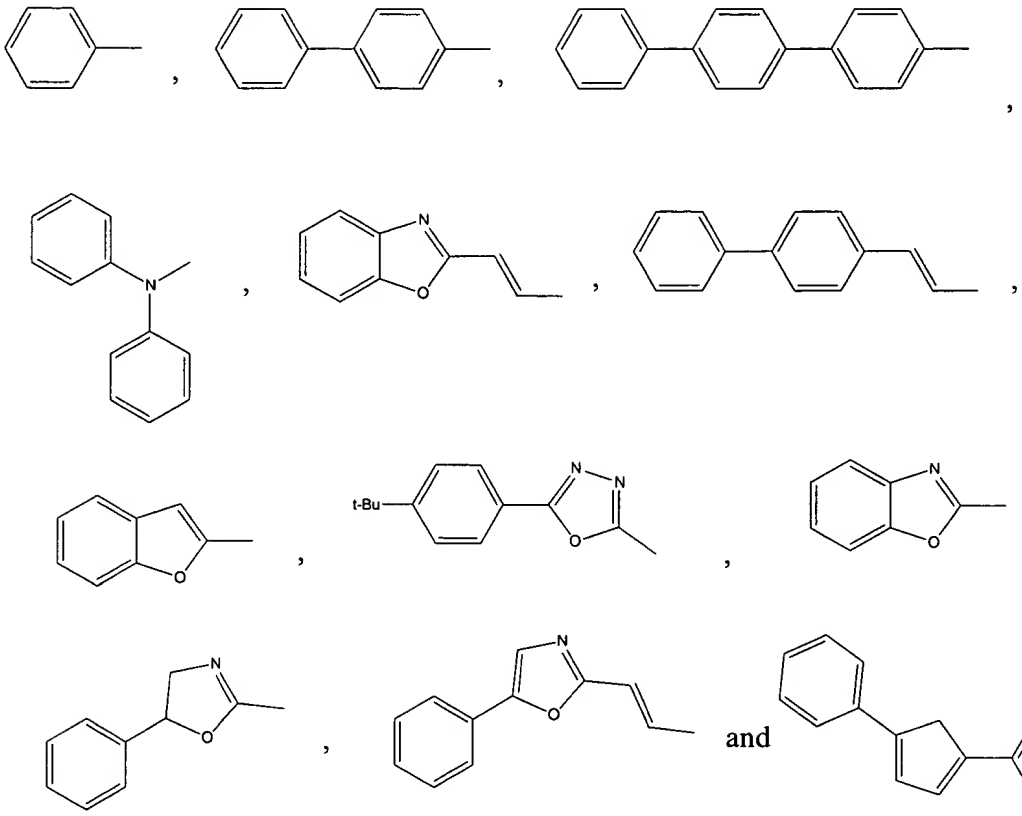
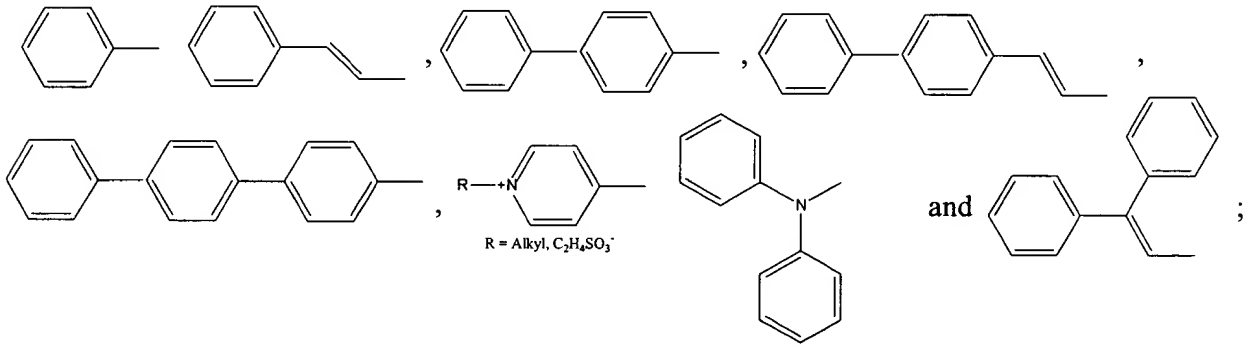
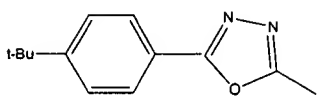
IIIe) K^a = L = H and M = Na and is selected from the group consisting of:



IIIf) Ka = L and is selected from the group consisting of:



and M = N^a and is selected from the group consisting of:



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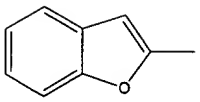

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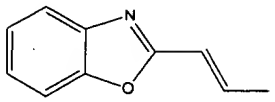

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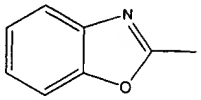

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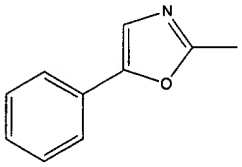

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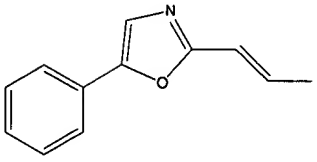

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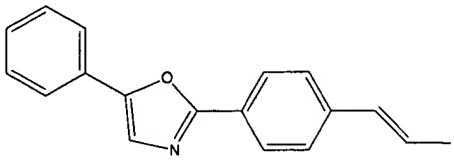
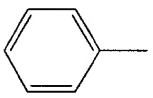


;

IIIg) K^a = L and is selected from the group consisting of: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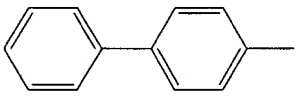
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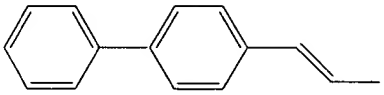
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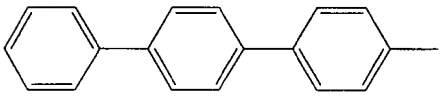
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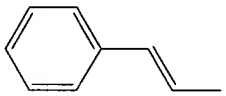
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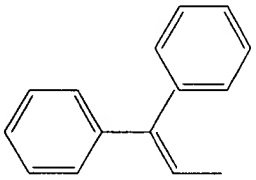
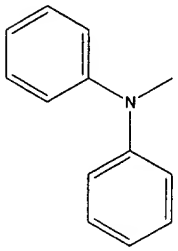
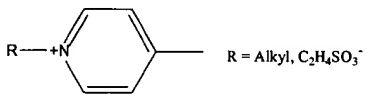
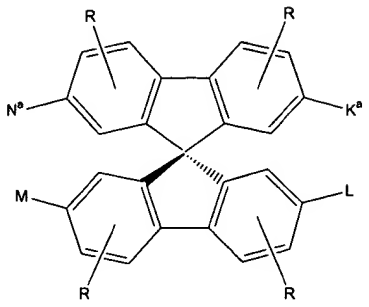

;

and M = N^a and is selected from the group consisting of:



and


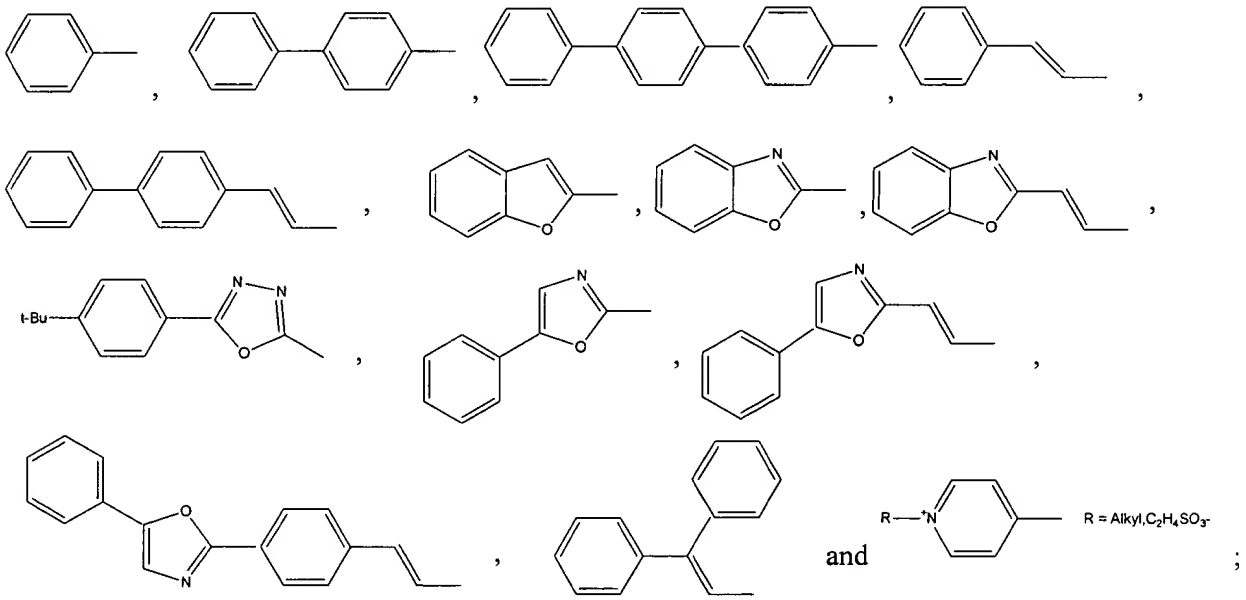
35. (New) The method of claim 27, wherein said spiro compound is a spirobifluorene compound selected from the group consisting of the spirobifluorene compounds of the formula (IIIa) to (IIIg), wherein formula (III) is:



(III)

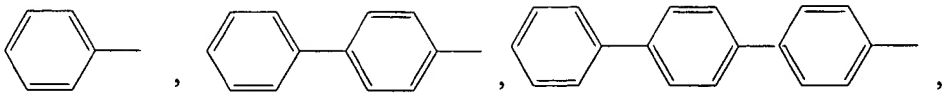
and the spirobifluorene compounds (IIIa to IIIg) are derivatives of formula (III) as follows:

IIIa) K^a = L = M = Na and is selected from the group consisting of:



and ;

IIIb) Ka = M = H and Na = L and is selected from the group consisting of: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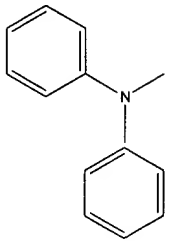
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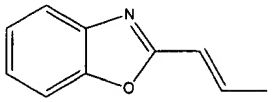
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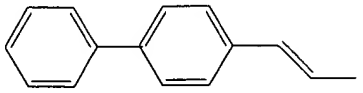
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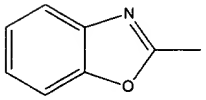
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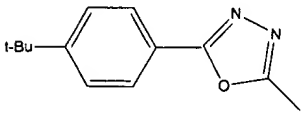
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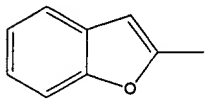
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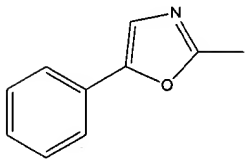
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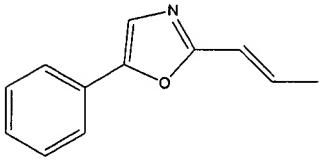
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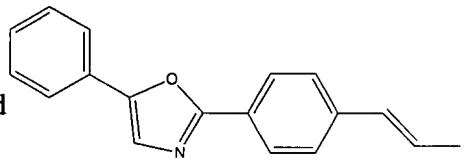
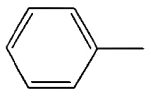

;

IIIc) K^a = M and is selected from the group consisting of: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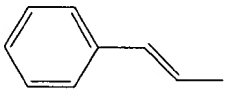
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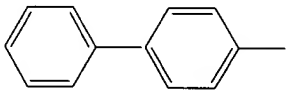
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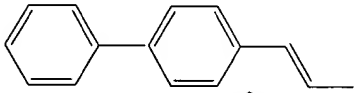
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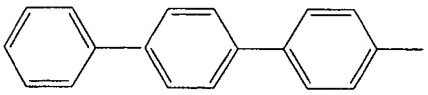
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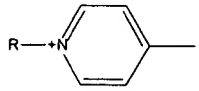
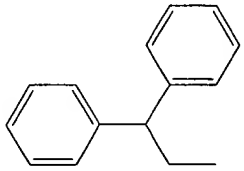

R = Alkyl, $C_2H_4SO_3^-$
,

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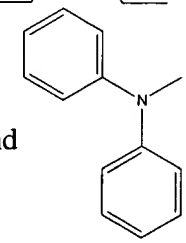
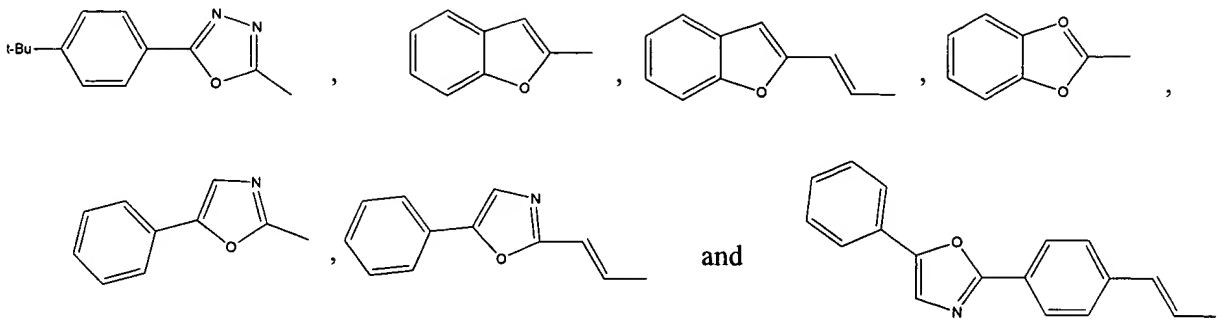
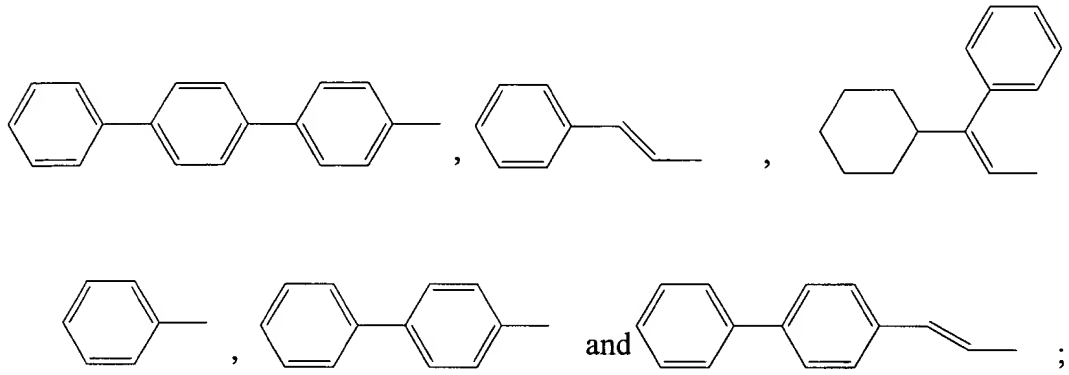

;

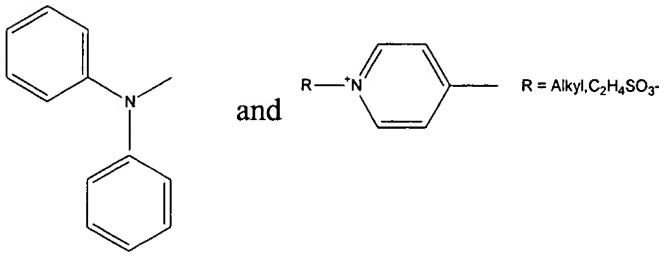
and N^a = L and is selected from the group consisting of



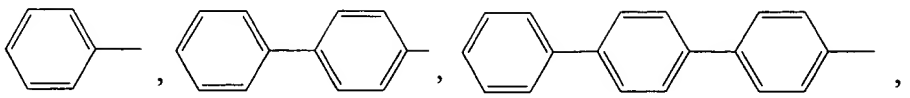
IIId) K^a = M and is selected from the group consisting of:

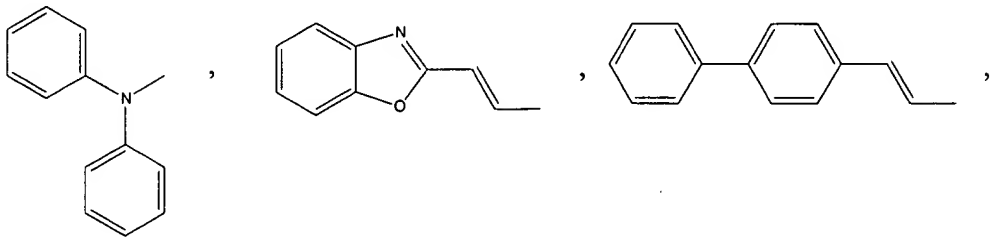


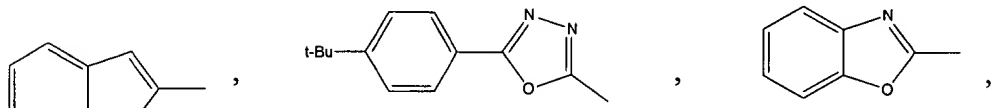
and N^a = L and is selected from the group consisting of:

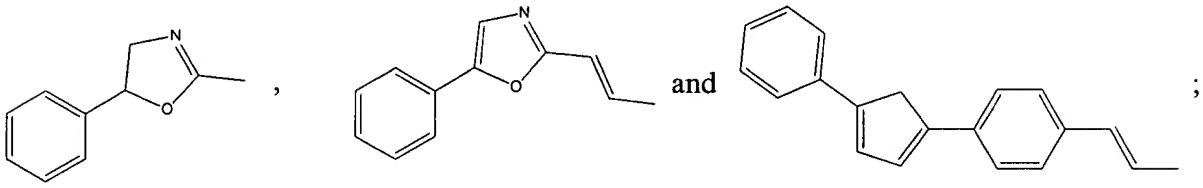


IIIe) K^a = L = H and M = N^a and is selected from the group consisting of:

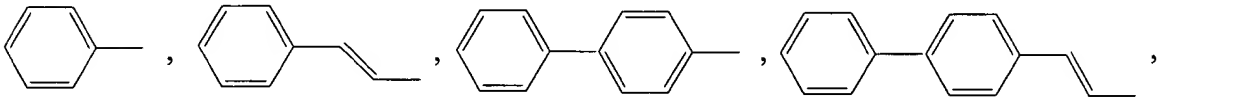


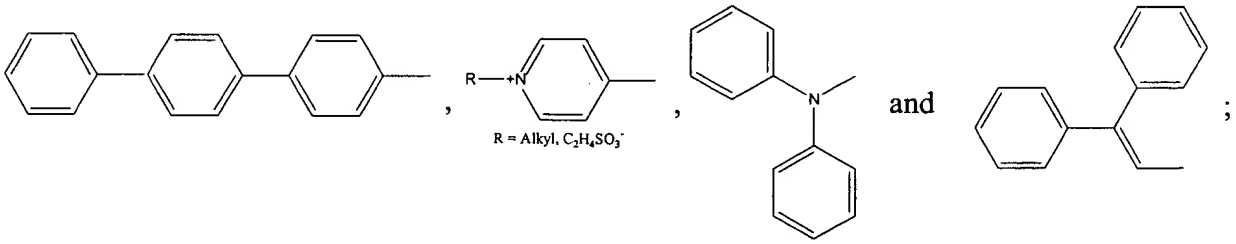




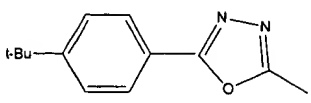


IIIf) K^a = L and is selected from the group consisting of:





and M = N^a and is selected from the group consisting of



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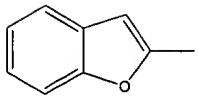

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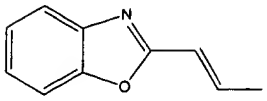

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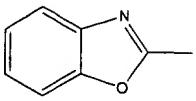

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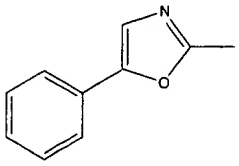

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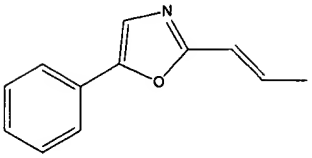

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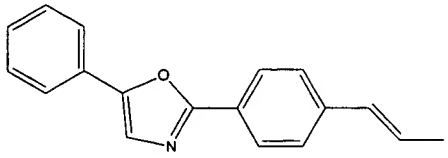

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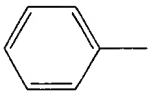
IIIg) K^a = L and is selected from the group consisting of: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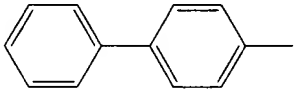
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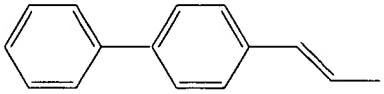
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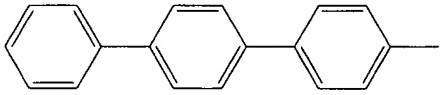
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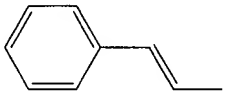
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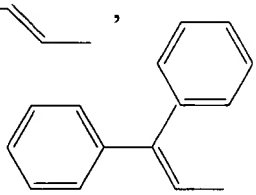
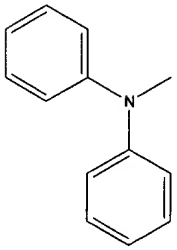

;

and M = N^a and is selected from the group consisting of:



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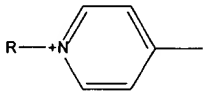

R = Alkyl, $C_2H_4SO_3^-$